

Application Serial No. 10/662,485
Response to Office Action of 22 Dec 2004

LISTING OF CLAIMS

1. **(original)** An electronic display for presenting airspeed data of an aircraft, wherein said display comprises:
 an electronic airspeed tape having a nonlinear scale,
 wherein said nonlinear scale on said electronic airspeed tape emulates the view of a mechanical drum gauge; and
 wherein a scroll of said electronic airspeed tape maintains said nonlinear scale on said display.
2. **(original)** The electronic display of claim 1, wherein said airspeed data of an aircraft is centered on a showing of said nonlinear scale on said display.
3. **(original)** The electronic display of claim 1, wherein said display is configured to emulate the view of a mechanical drum gauge in units of knots.
4. **(original)** The electronic display of claim 3, wherein said airspeed data of an aircraft is centered on a showing of said nonlinear scale of 140 knots on said display.
5. **(original)** The electronic display of claim 1, further comprising an indicated airspeed window showing the current airspeed of said aircraft.
6. **(original)** The electronic display of claim 5, wherein said indicated airspeed window is comprised of a shaped pointer.
7. **(original)** The electronic display of claim 5, wherein said indicated airspeed window is comprised of an enlarged display of at least a portion of said electronic airspeed tape.

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8. **(original)** The electronic display of claim 5, wherein said indicated airspeed window is comprised of a black background.
9. **(original)** The electronic display of claim 1, wherein said nonlinear scale is configurable from a lower limit to an upper limit.
10. **(original)** The electronic display of claim 9, wherein said lower limit is fixed.
11. **(original)** The electronic display of claim 9, wherein said upper limit is fixed.
12. **(original)** The electronic display of claim 9, wherein said lower limit is 0 (zero) knots.
13. **(original)** The electronic display of claim 9, wherein said configurable lower limit is bounded by 0 (zero) to 100 (one hundred) knots.
14. **(original)** The electronic display of claim 9, wherein said upper limit is 999 knots.
15. **(original)** An electronic display for presenting altitude data of an aircraft, wherein said display comprises:
 - an electronic altitude tape having a nonlinear scale,
 - wherein said nonlinear scale on said electronic altitude tape emulates the view of a mechanical drum gauge; and
 - wherein a scroll of said electronic altitude tape maintains said nonlinear scale on said display.
16. **(original)** The electronic display of claim 15, wherein said altitude data of an aircraft is centered on a showing of said nonlinear scale on said display.

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17. **(original)** The electronic display of claim 15, wherein said display is configured to emulate the view of a mechanical drum gauge in units of feet.
18. **(original)** The electronic display of claim 17, wherein said altitude data of an aircraft is centered on a showing of said nonlinear scale of 1,200 (one thousand and two hundred) feet of altitude on said display.
19. **(original)** The electronic display of claim 15, wherein said display is configured to emulate the view of a mechanical drum gauge in units of meters.
20. **(original)** The electronic display of claim 19, wherein said altitude data of an aircraft is centered on a showing of said nonlinear scale measured in meters approximately equivalent to 1,200 feet of altitude on said display.
21. **(currently amended)** The electronic display of claim 15, wherein display is configurable to emulate the view of a mechanical drum gauge in units of feet or in units of meters.
22. **(original)** The electronic display of claim 15, further comprising an indicated altitude window showing the current altitude of said aircraft.
23. **(original)** The electronic display of claim 22 wherein said indicated altitude window is comprised of an enlarged display of at least a portion of said electronic altitude tape.
24. **(original)** The electronic display of claim 22, wherein said indicated altitude window is comprised of a numeric display of the current altitude of said aircraft.

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- 25. (original)** The electronic display of claim 24, wherein said numeric display is an electronic emulation of a mechanical rolling numeric display.
- 26. (original)** The electronic display of claim 22, wherein said indicated altitude window is comprised of a black background.
- 27. (original)** An electronic display for presenting heading data of an aircraft, wherein said display comprises:
- an electronic heading tape having a nonlinear scale,
 - wherein said nonlinear scale on said electronic heading tape emulates the view of a mechanical drum gauge; and
 - wherein a scroll of said electronic heading tape maintains said nonlinear scale on said display.
- 28. (original)** The electronic display of claim 27, wherein said electronic heading tape emulation of the view of a mechanical drum gauge is comprised of text markings of "N", "W", "S", and "E" at 360°, 270°, 180°, and 90° headings, respectively.
- 29. (original)** The electronic display of claim 27, further comprising a heading window showing the current heading of said aircraft.
- 30. (original)** The electronic display of claim 29, wherein said current heading of said aircraft is selected from the group consisting of true heading and magnetic heading.
- 31. (original)** The electronic display of claim 29, wherein said showing the current heading of said aircraft is comprised of a "T" to indicate a display of true heading of said aircraft.

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- 32. (original)** The electronic display of claim 29, wherein said heading window is comprised of a shaped pointer.
- 33. (original)** The electronic display of claim 29, wherein said heading window is comprised of an enlarged display of at least a portion of said electronic heading tape.
- 34. (original)** The electronic display of claim 29, wherein said heading window is comprised of a numeric display of the current heading of said aircraft.
- 35. (original)** The electronic display of claim 29, wherein said heading window is comprised of a black background.
- 36. (original)** An electronic display for presenting data of an aircraft, wherein said display comprises:
 an electronic tape having a nonlinear scale,
 wherein said nonlinear scale on said electronic tape emulates the view of a mechanical drum gauge; and
 wherein a scroll of said electronic tape maintains said nonlinear scale on said display.
- 37. (original)** The electronic display of claim 36, further comprising a window showing the current data of said aircraft.
- 38. (original)** The electronic display of claim 37, wherein said window is comprised of a shaped pointer.
- 39. (original)** The electronic display of claim 37, wherein said window is comprised of a numeric display of the current data of said aircraft.

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40. (original) The electronic display of claim 37, wherein said window is comprised of a black background.

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